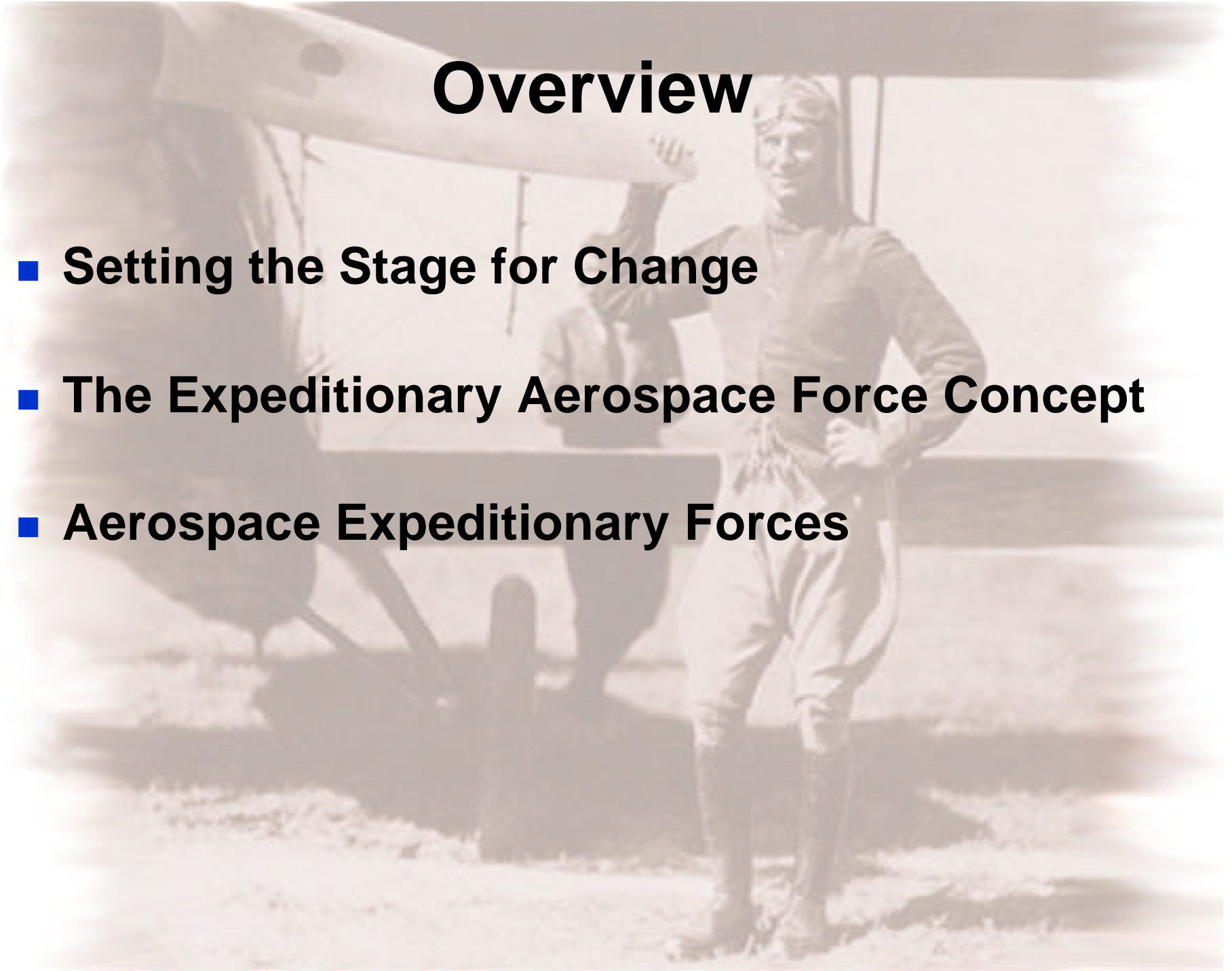




**Expeditionary Aerospace Force**

# Overview

- **Setting the Stage for Change**
- **The Expeditionary Aerospace Force Concept**
- **Aerospace Expeditionary Forces**





# Cold War Influence



***Containment ... to Engagement***





# A New Challenge



## Cold War Air Force

**Containment**

**Large Force Structure**

**Extensive Forward Basing**

**Robust Infrastructure**

## Today's Air Force

**Engagement**

**1/3 Less People**

**2/3 Less Overseas Basing**

**4 times more deployments**

**On Average 14,600 personnel and over 220 Aircraft deployed**



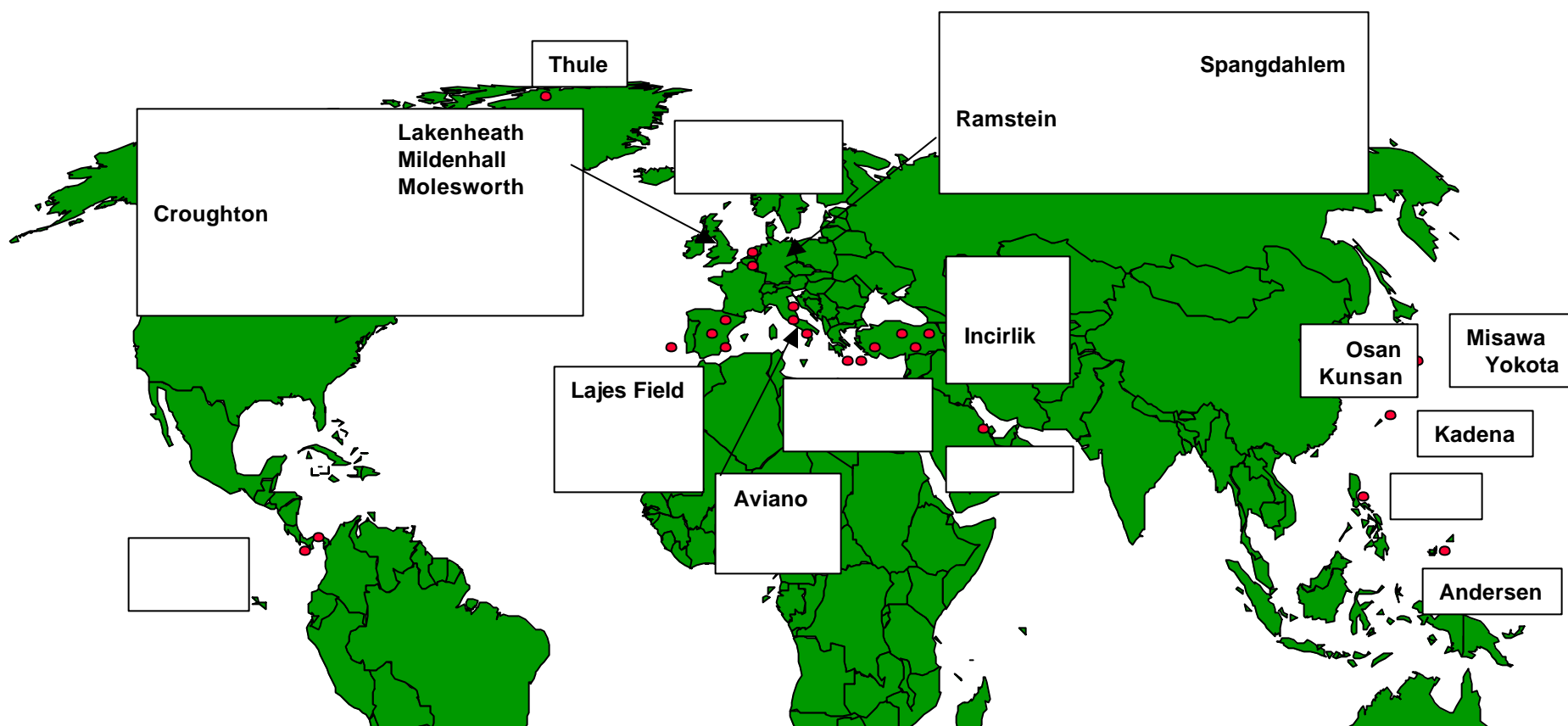
# Cold War Overseas Basing



**Cold War Air Force - Containment Strategy**



# Today's Overseas Basing



*Post Cold War*  
**Reduced force structure and fewer forward locations**



# USAF Global Engagement FY99



Over 69,800  
mobility missions  
to over 140  
countries

Over 150  
deployments to  
*Allied Force* and  
over 38,000 sorties

*Desert Fox*  
Over 20 deployments  
and over 90 cruise  
missiles launched

*Hurricane Mitch Relief*  
200 mobility missions  
and over 50 tons of aid  
delivered

Over 250 USAF  
exercise  
deployments  
to 25 countries

Over 65 counter-  
narcotics  
deployments to  
Latin America

Nearly 50 *Southern  
Watch* deployments  
and over 15,000  
sorties flown

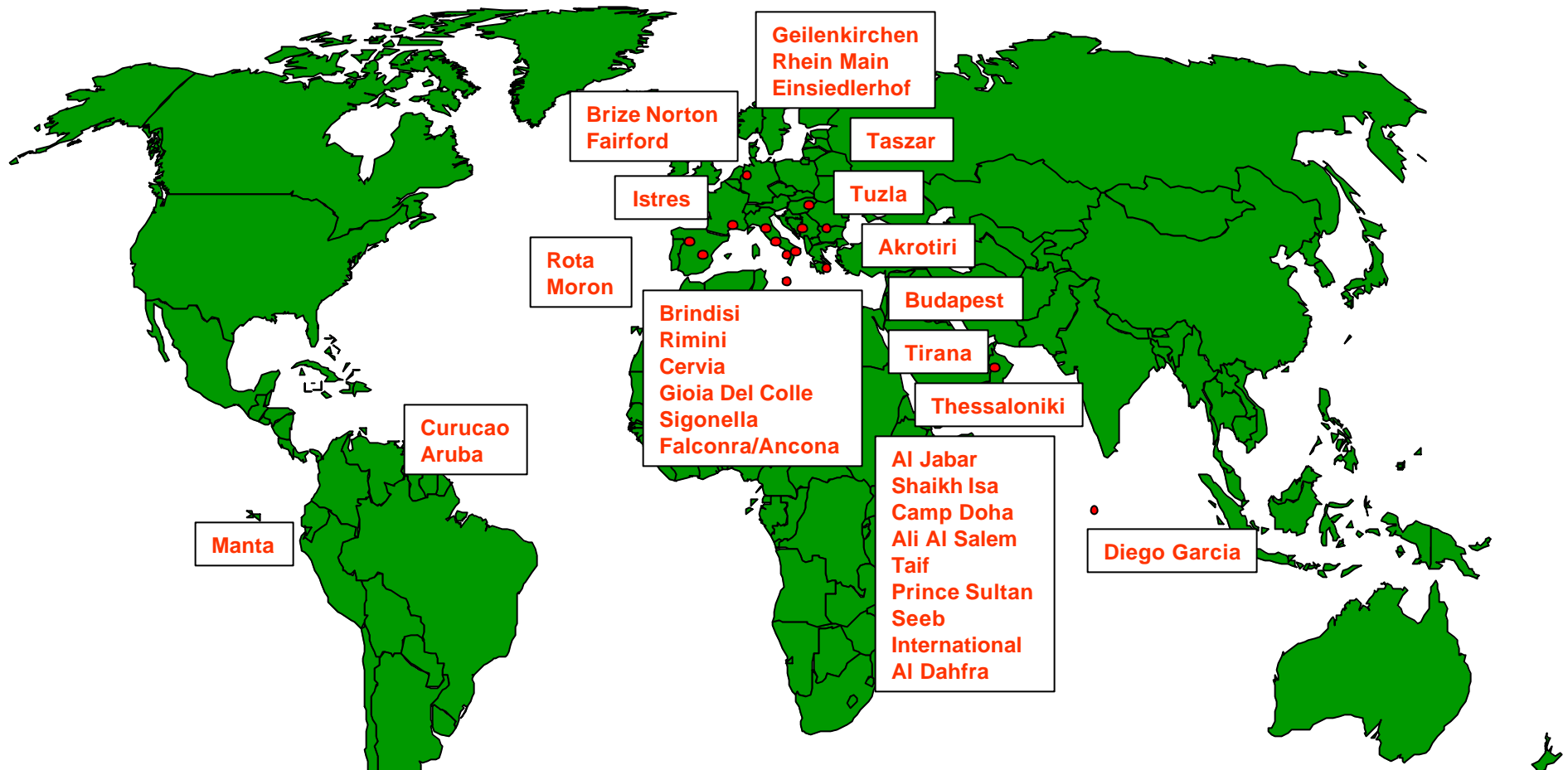
Over 30 deployments  
to *Northern Watch* and  
over 4,000 sorties  
flown and over 900  
munitions employed

USAF executed over 160 operations and exercises with  
nearly 900 deployments around the globe in FY99

USAF  
wheels  
down in  
FY99



# Permanent Temporary Basing



**21st Century Air Force *Engagement*  
Requires temporary basing**





# A Deployed Force



**Today's Air Force  
Over 8500 airmen deployed to SWA**



# Impact on the Force

- Increased days away from home
- When not deployed, working extra shifts to make up for those who are
- OPTEMPO not evenly distributed across the force
- Limited predictability and stability
- Recruiting and Retention Issues
- Downward trend in readiness indicators





# Expeditionary Aerospace Force



**The 21st Century United States Air Force organized, trained equipped, and sustained for expeditionary operations across the spectrum of military operations**

- **A New Approach to Meet CINC Needs**
  - Responsive / tailorable / trained to task
  - Meets steady state taskings / protects ability to surge
- **Smarter Use of All Resources**
  - More inclusive active duty force
  - More effective integration of Total Force
  - Lighter / more lean / more lethal
  - Rotational schedule
- **Culture: Expeditionary / Warrior**



## ***EAF Vision: Structure***

			1999		2000											
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
AEFs	AEF 1 & 2			AEF 3 & 4			AEF 5 & 6			AEF 7 & 8			AEF 9 & 10			
	Combat Air Forces (CAF) Mobility Air Forces (MAF) Expeditionary Combat Support (ECS)															
	Crisis Response - Two On-Call Air Expeditionary Wings															
AMC	Strategic Mobility Forces															
GMFP	Low Density / High Demand Forces															

## GMFP - Global Military Force Policy

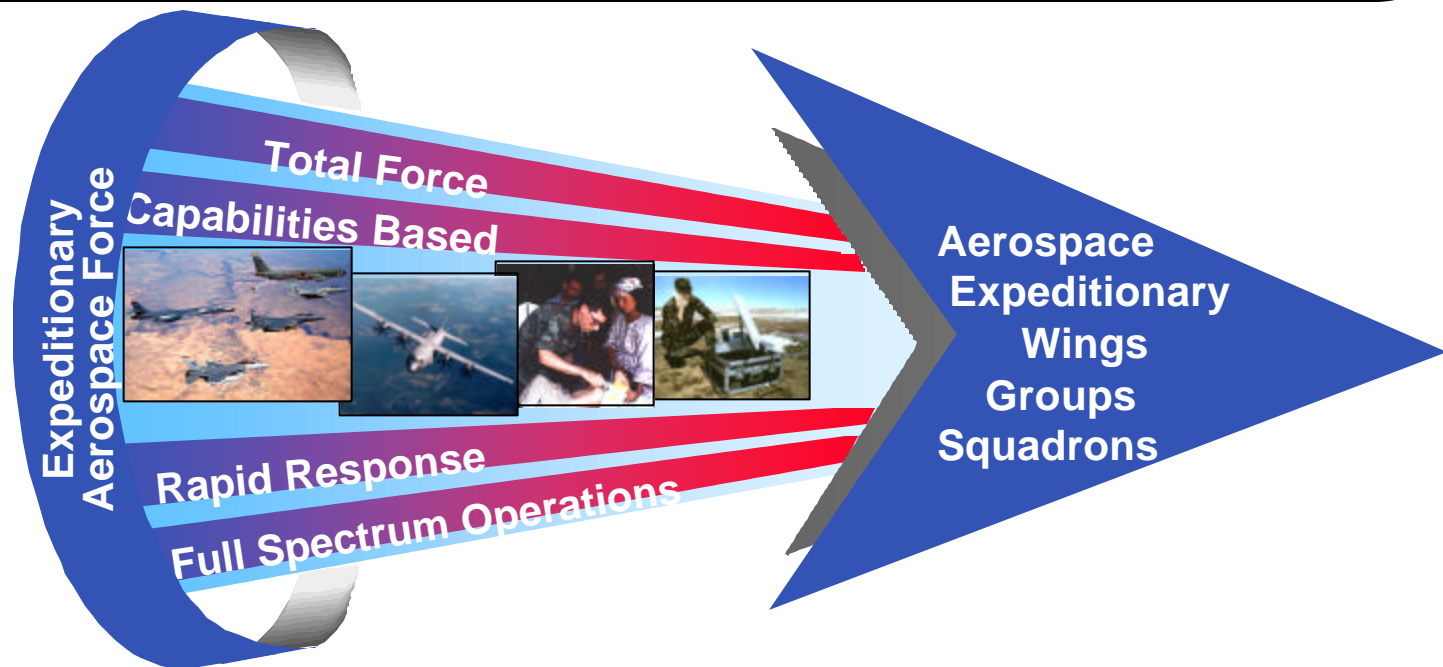




# What are AEFs?



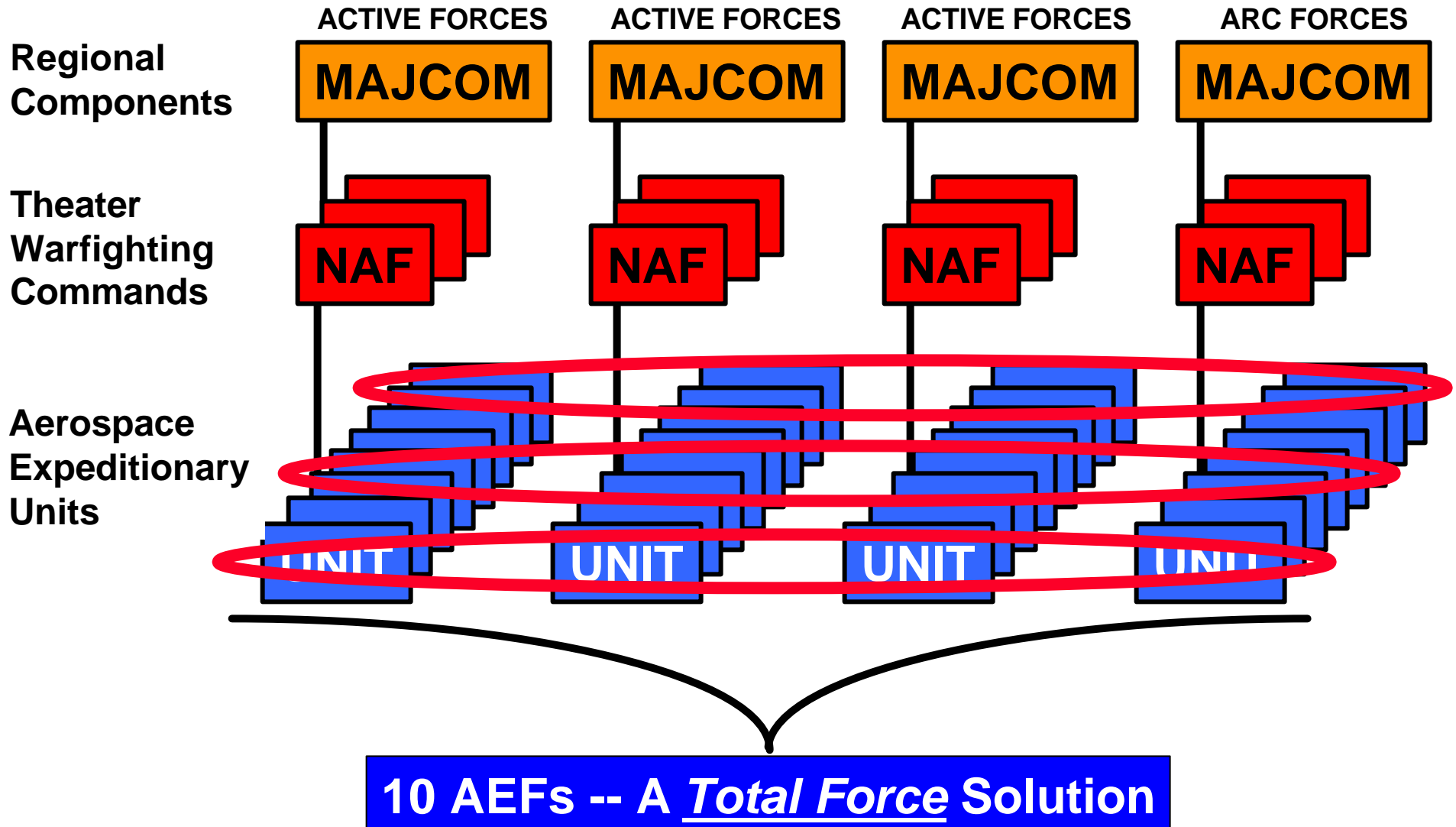
**Aerospace Expeditionary Forces (AEFs):  
a cross section of aerospace capabilities that  
can be tailored to meet theater CINC needs**



**A New Way of Fielding the Team**



# Air Force Organization

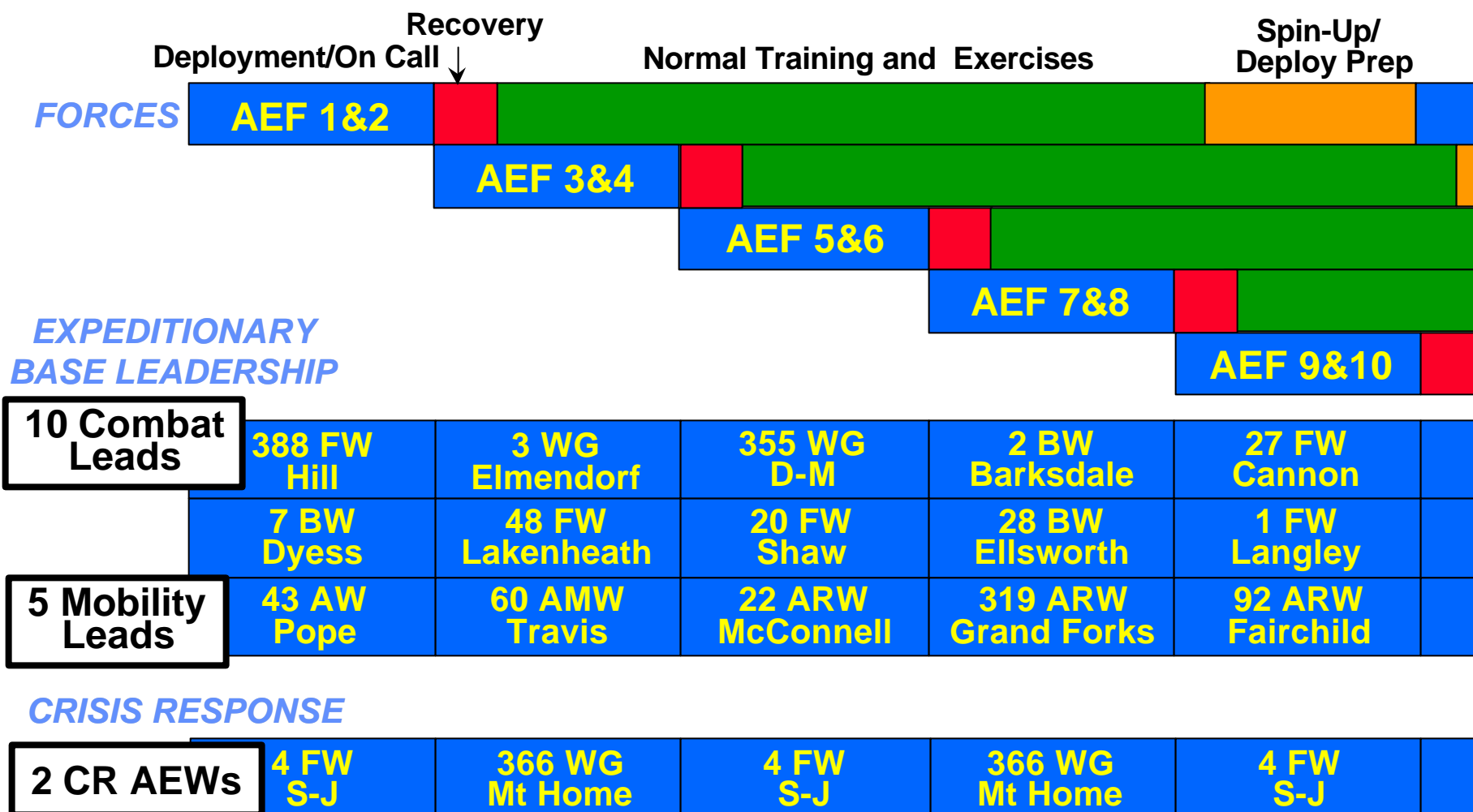




# AEF Rotations



15 Month Cycle





# PHASES OF AEF CYCLE



**UNIT  
COMMANDER**

**CINC or UNIT**

## Normal Training & Exercise Period

- Home Station Performance Standards
  - Family / Duty
- Skill Level Upgrade Training
- PME Participation
- Off-duty Education
- Local Readiness & Mobility Exercises
- Inspections
- DRMD flows UTC taskings, members matched, orders provided

**10 Months**

## Preparation Period

- Reachforward AOR training
- Lessons Learned
- Personal and family readiness

**2 Months**

- Mobility Lines
- AOR Deployment
- Reachback

**OR**

- On Call at home station

**3 Months**

**Trained to Task**





# Aviation Alignment



**37th Bomb Sq**



**114th Ftr Wg**



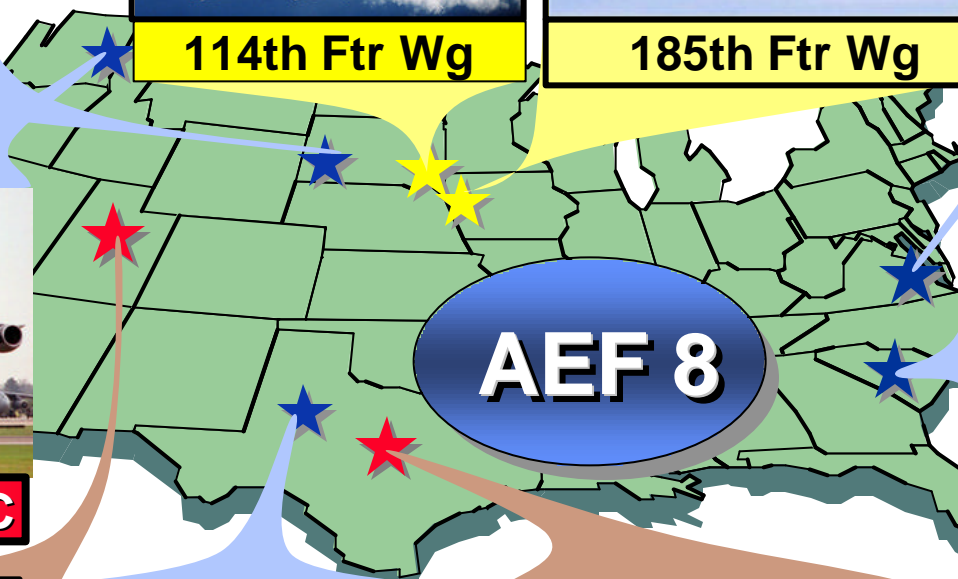
**185th Ftr Wg**



**94th Ftr Sq**



**96 & 97 ARS / ARC**



**55th Ftr Sq**  
**Air Def Suppression**



**466th Ftr Sq**  
**Precision Munitions**



**40 AS / ARC**



**457th Ftr Sq**  
**Precision Munitions**



**93rd Ftr Sq**  
**Precision Munitions**



# Expeditionary Combat Support Alignment



**122 Locations  
1,347 UTCs  
11,255 People**

**AEF 8**

**14 Locations  
392 UTCs  
3,827 People**

**97 Locations  
943 UTCs  
3,990 People**

**24 Locations  
312 UTCs  
3,438 People**

**Active**

**ANG**

**AFRC**



# 20th Fighter Wing Aviation Alignment



**AEF 1**



**AEF 6  
Lead Wing**



**AEF 6**



**AEF 3**



**AEF 8**



# 20th Fighter Wing ECS Alignment



**AEF 1**  
**372**

**AEF 3**  
**243**

**AEF 5**  
**0**

**AEF 7**  
**19**

**AEF 9**  
**16**

**AEF 2**  
**1**

**AEF 4**  
**5**

**AEF 6**  
**590**

**AEF 8**  
**252**

**AEF 10**  
**94**

**Total 20 FW ECS Personnel  
Aligned to UTCs = 1592**





# 20th Fighter Wing ECS Alignment



## 20th CE Sqdn

AEF	UTCs	AUTH
AEF 1	7	46
AEF 2		
AEF 3	2	12
AEF 4		
AEF 5		
AEF 6	11	37
AEF 7		
AEF 8	2	11
AEF 9		
AEF 10	5	28
TOTALS	27	134

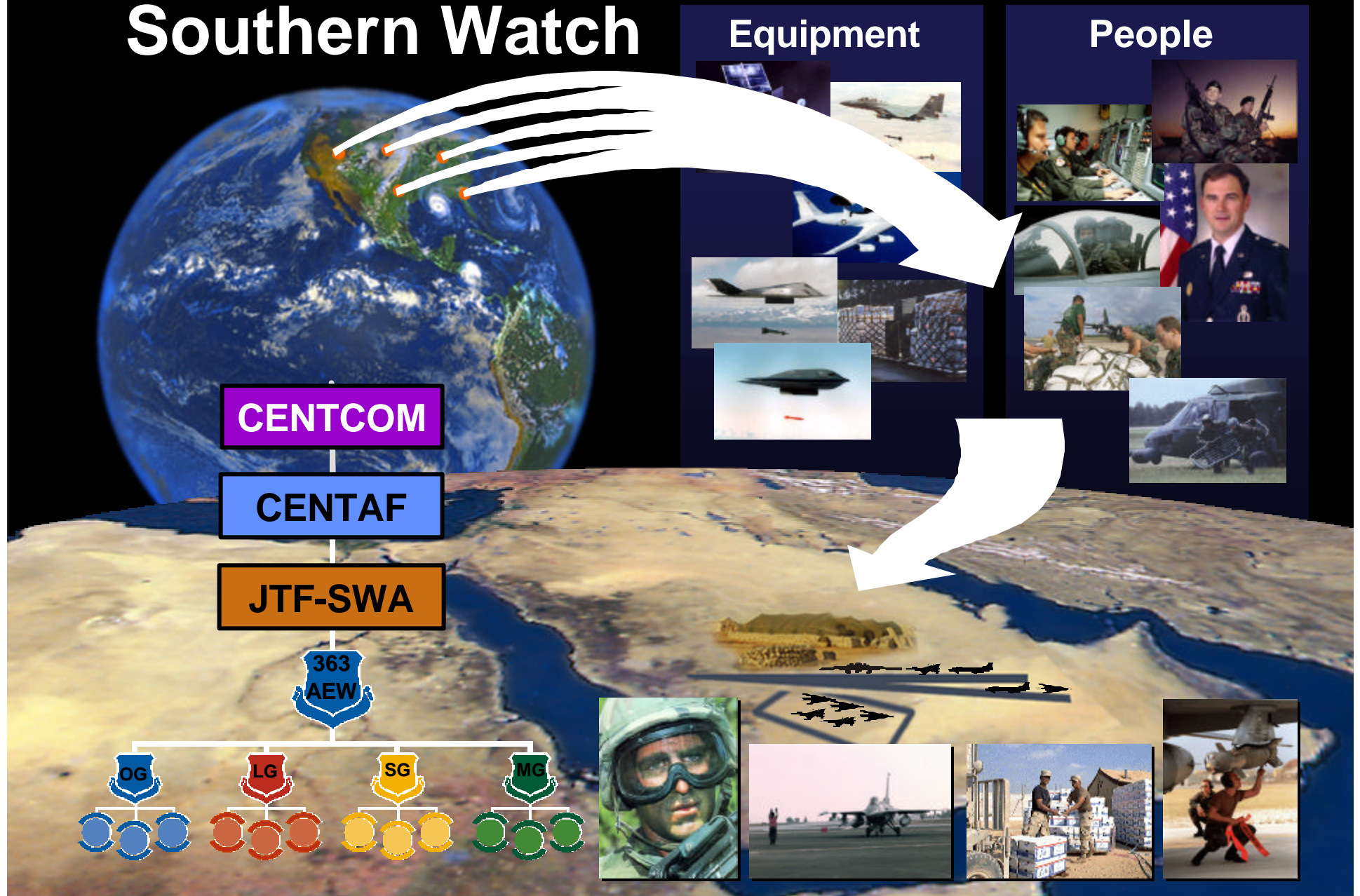
## 20th Supply Sqdn

AEF	UTCs	AUTH
AEF 1	2	73
AEF 2		
AEF 3	1	2
AEF 4		
AEF 5		
AEF 6	3	80
AEF 7	1	4
AEF 8	1	12
AEF 9	1	2
AEF 10	1	60
TOTALS	10	233



**AEF offers a predictable schedule  
by UTCs and team integrity**

# AEF Force Package Deployment Southern Watch



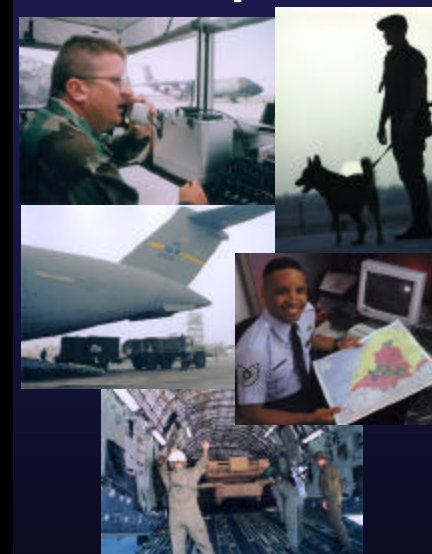


# Aerospace Expeditionary Wing Deployment Crisis Response

## Equipment



## People



EUCOM

JTF

AEW

OG

LG

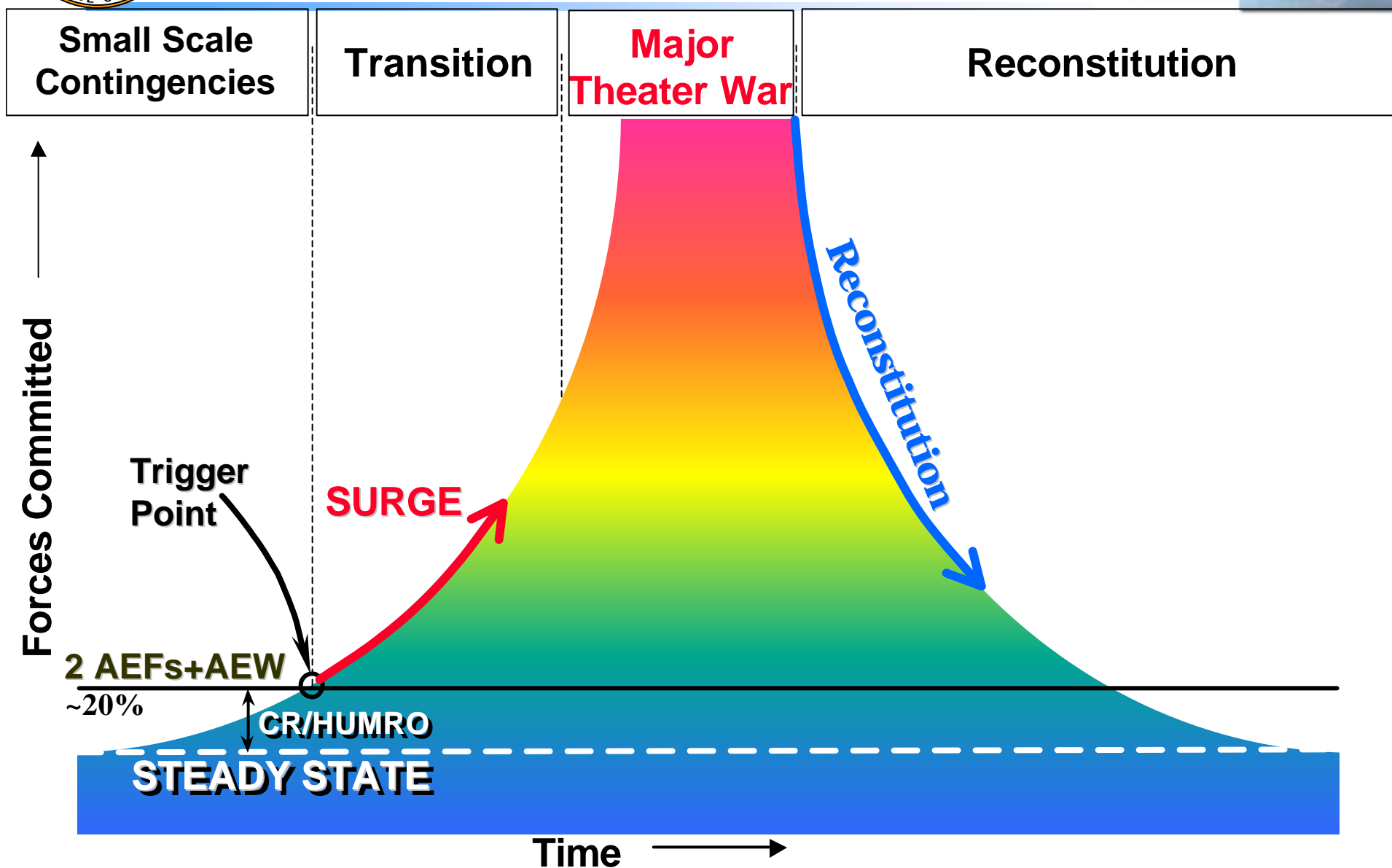
SG

MG





# EAF Across The Spectrum







# Expeditionary Aerospace Force - Our Vision -



**A Construct Which More Effectively Exploits the Versatility and Responsiveness of Aerospace Power Through Changes In:**

## STRUCTURE



**Organize Total Force into Aerospace Expeditionary Forces**  
AEFs provide a **more stable, predictable, and available force**

## CULTURE



Men and women with an **“expeditionary and warrior mindset”** who understand our mission is global  
**Bold, Decisive Leaders** who excel in austere, unpredictable environs

## OPERATIONS



Innovative approaches and new technologies which make us **light, lean, and lethal**  
**Rapidly employable**  
**World-wide**



# Take Away Points



- **EAF Transition began 1 Oct 99--AEFs 1 and 2**
  - **AEFs 3&4 (Dec 99)- AEFs 5&6 (Mar 00) - AEFs 7&8 (Jun 00)**
- **EAF is a mindset**
  - **Proactive move to meet the aerospace power demand of our Nation's security strategy**
  - **Concepts and culture will evolve and mature**
- **AEF is an organizational construct enabling us to:**
  - **Manage resources better**
  - **Be responsive to CINC demands of aerospace power**
  - **Take care of our people - Predictability and Stability**
  - **Spread the wealth for deployments**